

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

I, the undersigned applicant(s) (Names should be indicated as they appear in the request):

JIANG, Zi-Hua

I hereby appoints (appoint) the following person as:



agent



common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

PIART & BIGGAR
P.O. Box 2999, Station D
355 Metcalfe Street
Ottawa, Ontario
K1P 5Y6 Canada

I represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

In connection with the international application identified below:

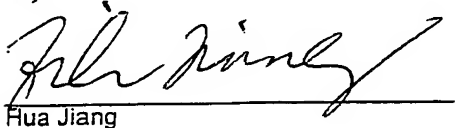
Title of the invention: IMMUNOSTIMULATORY, COVALENTLY LIPIDATED OLIGONUCLEOTIDES

Applicant's or agent's file reference: 70484-78

International application number (if already available):

I am authorized to act with the following Office Canadian Receiving Office as receiving Office to make or receive payments on behalf of the undersigned.

(Indicate the nature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power of attorney):


Hua Jiang

Date: Mar - 14 - 2003

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POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

OGANTY, R. Rao

Thereby appoints (appoint) the following person as:



agent



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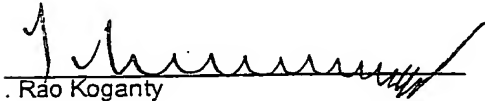
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Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):


R. Rao Koganty

Date: Mar -14-2003

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(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

BAEK, Myung-Gi

hereby appoints (appoint) the following person as:



agent



common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

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Myung-Gi Baek

Myung-Gi Baek

Date:

March 14th, 2003

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POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

YALAMATI, Damayanthi

hereby appoints (appoint) the following person as:



agent



common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

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Y. Damayanthi
Damayanthi Yalamati

Date: 14 March '03

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